

TECHNICAL MANUAL

**ORGANIZATIONAL, DIRECT SUPPORT AND
GENERAL SUPPORT MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS LISTS
(INCLUDING DEPOT MAINTENANCE REPAIR
PARTS AND SPECIAL TOOLS)**

**AIR CONDITIONER, 25,000 BTU
ELECTRIC MOTOR DRIVEN,
120/208V, 3 PHASE, 50/60 HZ,
4 WIRE, ELLIS WATTS
MODEL MOAC-336**

NSN 4120-01-030-6883

This copy is a reprint which includes current
pages from Change 1.

**HEADQUARTERS, DEPARTMENT OF THE ARMY
AND THE AIR FORCE**

CHANGE }
NO. 1 }

HEADQUARTERS
DEPARTMENTS OF THE ARMY
AIR FORCE
WASHINGTON, D.C., 20 June 1988

Organizational, Direct Support and
General Support Maintenance
Repair Parts and Special Tools Lists
(Including Depot Maintenance Repair
Parts and Special Tools)

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TM 5-4120-343-24P/TO 35E9-179-14, 13 June 1979, is changed as follows:

1. Remove and insert pages as indicated below. New or changed text material is indicated by a vertical bar in the margin. An illustration change is indicated by a miniature pointing hand.

Remove pages

Insert pages

7 and 8

7 and 8

23 and 24

23 and 24

2. Retain this sheet in front of manual for reference purposes.

By Order of the Secretaries of the Army and the Air Force:

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**ORGANIZATIONAL, DIRECT SUPPORT AND GENERAL SUPPORT
MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LIST
INCLUDING DEPOT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS
FOR
AIR CONDITIONER, 25,000 BTU,
(ELLIS AND WATTS MODEL MOAC-336)
NSN 4120-01-030-6883**

Current as of 13 June 1979

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistake or if you know of a way to improve the procedures, please let us know. Mail your letter, DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2 located in the back of this manual direct to: Commander, U. S. Army Troop Support and Aviation Materiel Readiness Command, ATTN: DRSTS-MTPS, 4300 Goodfellow Boulevard, St. Louis, MO 63120. A reply will be furnished directly to you.

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1. Scope. This manual lists repair parts, special tools, test, measurement, and diagnostic equipment (MDE), and other support equipment required for operation and performance of organizational, direct support, general support and depot maintenance of the Air Conditioner.

General.

a. Section II - Repair Parts List. A list of repair parts authorized for use in the performance of maintenance. The list also includes parts which must be removed for replacement of the authorized parts. Parts lists are composed of assembly groups in ascending numerical sequence, with the parts in each group listed in figure and item number sequence. Bulk materials are listed in NSN sequence, the last group in Section II.

b. Section II - Special Tools List. (Not applicable)

c. Section IV - National Stock Number and Part Number Index. A list, in NIIN (National Item Identification Number) sequence, of all National Stock Numbers appearing in the listings, followed by a list, in alphanumeric sequence, of part numbers appearing in the listings. National Stock Number and part numbers are cross-referenced to each illustration figure and item number appearance.

3. Explanation of Columns. The following provides an explanation of columns found in the tabular listings:

a. Illustration. This column is divided as follows:

(1) Figure Number. Indicates the figure number of the illustration in which the item is shown.

(2) Item Number. The number used to identify each item called out in the illustration.

b. Source, Maintenance, and Recoverability Codes (SMR).

(1) Source Code. Source codes are assigned to support items to indicate the manner of acquiring support items for maintenance, repair, or overhaul and items. Source codes are entered in the first and second positions of the Uniform SMR Code format as follows:

PB	Item procured and stocked for insurance purpose because essentiality dictates a minimum quantity be available in supply systems.
PC	Item procured and stocked and which otherwise would be coded PA except that it is deteriorative in nature.
PD	Support item, excluding support equipment, procured for initial issue or fitting and stocked only for subsequent additional initial issues or outfittings, subject to automatic replenishment.
PE	Support equipment procured and stocked for initial issue or outfitting to special maintenance repair activities.
PF	Support equipment which will not be stocked but which will be centrally procured on demand.
PG	Item procured and stocked to provide sustained support for the life of the equipment. It is applied to an item peculiar to the equipment which, because of probability of discontinuance or shutdown of production facilities, would prove uneconomical to produce at a later time.
KD	An item of a depot overhaul/repair kit not purchased separately. Depot kit is defined as a kit that provides items required at the time of overhaul or repair.
KF	An item of a maintenance kit and not purchased separately. Maintenance kit is defined as a kit that provides an item which can be replaced at organizational or intermediate levels of maintenance.
KB	It
MO	
MF	Item to be manufactured or fabricated at the depot maintenance level.
MH	Item to be manufactured or fabricated at the depot maintenance level.
MD	Item to be manufactured or fabricated at the depot maintenance level.
AO	Item to be assembled at organizational level.

AD	Item to be assembled at depot maintenance level.
XA	Item is not procured or stocked because the requirements for the item will result in the replacement of the next higher assembly.
XB	Item is not procured or stocked. If not available through salvage, requisition.
XD	A support item that is not stocked. When required, item will be procured through normal supply channels.

NOTE

Cannibalization or salvage may be used as a source of supply for any items source coded above except those coded XA or XD.

(2) **Maintenance Code.** Maintenance codes are assigned to indicate the levels of maintenance authorized to use and repair support items. The maintenance codes are entered in the third and fourth positions of the Uniform SMR Code format as follows:

(a) The maintenance code entered in the third position will indicate the lowest maintenance level authorized to remove, replace, and use the support item. The maintenance code entered in the fourth position will indicate one of the following levels of maintenance.

Code	Application/Explanation
C	Crew or operator maintenance performed within organizational maintenance.
O	Support item is removed, replaced, used at the organizational level.
I	Support item is removed, replaced, used by the direct support element of integrated direct support maintenance.
F	Support item is removed, replaced, used at the direct support level.
H	Support item is removed, replaced, used at the general support level.
O	Support items that are removed, replaced, used at depot, mobile depot, specialized repair activity only.

(b) The maintenance code entered in the fourth position indicates whether the item is repaired and identifies the lowest maintenance level with the capability to perform complete repair (i.e., all authorized maintenance functions). The fourth position will contain one of the following maintenance codes:

Code	Application/Explanation
O	The lowest maintenance level authorized to perform complete repair of the support item at the organizational level.
F	The lowest maintenance level authorized to perform complete repair of the support item at the direct support level.
H	The lowest maintenance level authorized to perform complete repair of the support item at the general support level.
D	The lowest maintenance level authorized to perform complete repair of the support item at the depot level.
L	Repair restricted to designated repair activity.
Z	Nonreparable. No repair is authorized.
B	No repair is authorized. The item may be reconditioned by adjusting, cleaning, etc., at the user level. No special tools are procured for the repair of this item.

(3) **Recoverability Code.** Recoverability codes are assigned to support items to indicate the disposition action on unserviceable items. The recoverability code is entered in the fifth position of the Uniform SMR Code format as follows:

Recoverability Codes	Definition
Z	Nonreparable item. Item is unserviceable, cannot be repaired, and is disposed at the level of Position 3.
O	Reparable item. Item is economically repaired, demurred, and disposed at the organizational level.

- F** Repairable item. When uneconomically repairable, condemn and dispose at the direct support level.
- H** Repairable item. When uneconomically repairable, condemn and dispose at the general support level.
- D** Repairable item. When beyond lower level repair capability, return to depot. Condemnation and disposal not authorized below level.
- L** Repairable item. Repair, condemnation, and disposal not authorized below depot/specialized repair activity level.
- A** Item requires special handling or condemnation procedures because of specific reasons (i.e., precious metal content, high dollar value, critical material or hazardous material). Refer to appropriate manuals/directives for specific instructions.

National Stock Number. Indicates the National Stock Number assigned to the item and will be used for requisitioning purposes.

Part Number. Indicates the primary number assigned by the manufacturer which controls the design characteristics of the items.

NOTE

When a stock numbered item is requisitioned, the repair part received may have a different part number than the part being replaced.

Federal Supply Code for Manufacturer (FSCM). The FSCM is a 5-digit numeric code listed in AS 708-42 which is used to identify the manufacturer, distributor, or Government agency, etc.

Description. Indicates the Federal item number and, if required, a minimum description to identify the item. Items that are included in kits or sets are listed below the name of the kit or set. The quantity of each item in the kit or set indicated in the quantity incorporated in unit column. The part to be used differs between serial numbers of the same model, the effective serial number is shown on the last line of the description.

When density of equipments supported exceeds density spread indicated in the basis of issue, the authorization is increased accordingly.

g. Unit of Measure (U/M). Indicates the standard of the basic quantity of the listed items used in performing the actual maintenance function. This measure is expressed by a two-character alphabetical abbreviation (e.g., ea, in, pr, etc.). When the unit of measure differs from the unit of issue, the lowest unit of issue that will satisfy the requirement of units of measure will be requisitioned.

h. Quantity Incorporated in Unit. Indicates the quantity of the item used in the breakout shown on the illustration figure, which is prepared for functional group, subfunctional group, or an assembly. A "V" appearing in this column in lieu of a quantity indicates that no specific quantity is applicable, (e.g. shims, spacers, etc.).

4. Special Information.

a. Repair parts kits and gasket sets appear on the last entries in the repair parts listing for each figure in which its parts are listed as repair parts. They are listed at the end of the repair parts listing for the last figure containing parts of the kit.

b. The following publications pertain to the conditioner and its components.

TM 5-5420-200-2	Operator Organization and Maintenance Manual
	Direct Support and General Support Maintenance Manual

5. How to Locate Repair Parts.

a. When National Stock Number or Part Number is Unknown.

(1) First. Using the table of contents, determine the assembly group within which the repair part belongs. This is necessary since illustrations are prepared for assembly groups, and listings are divided into the same groups.

(2) Second. Find the illustration covering the assembly group to which the repair part belongs.

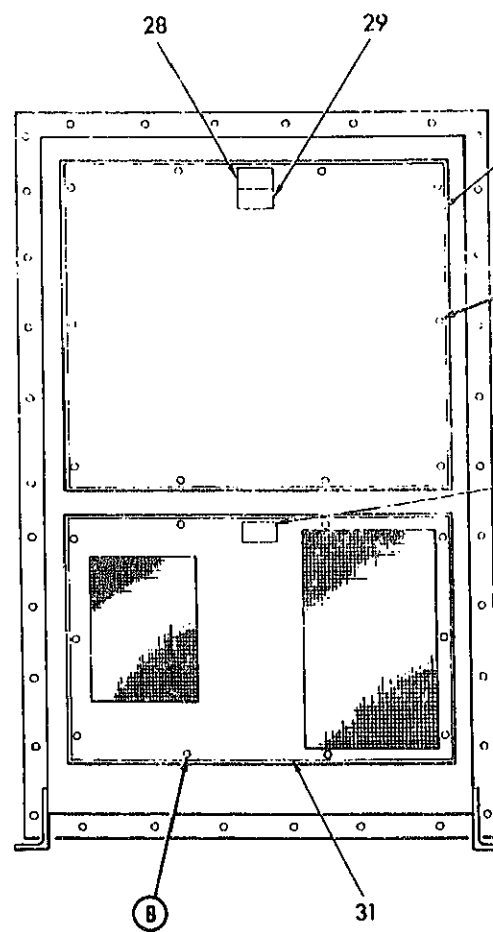
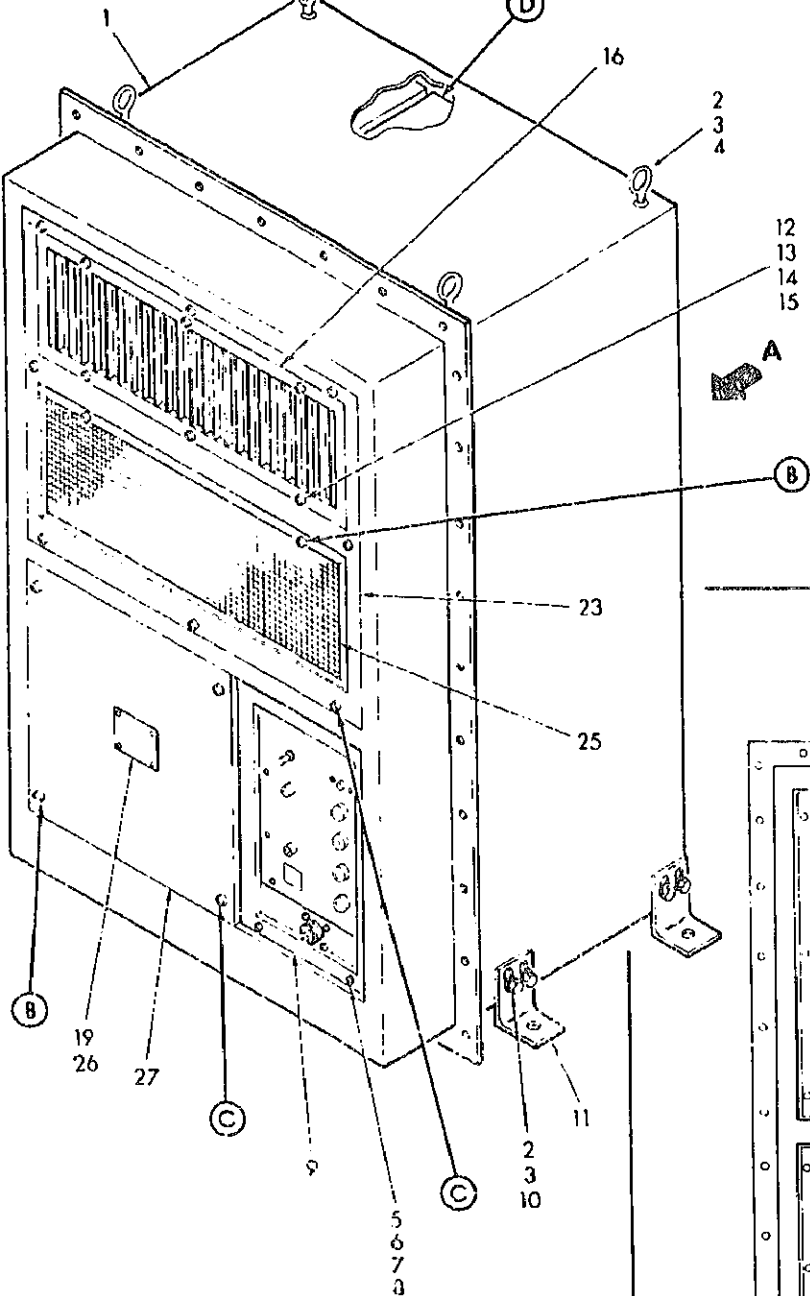
(3) Third. Identify the repair part on the illustration and note the illustration figure and item number of the repair part.

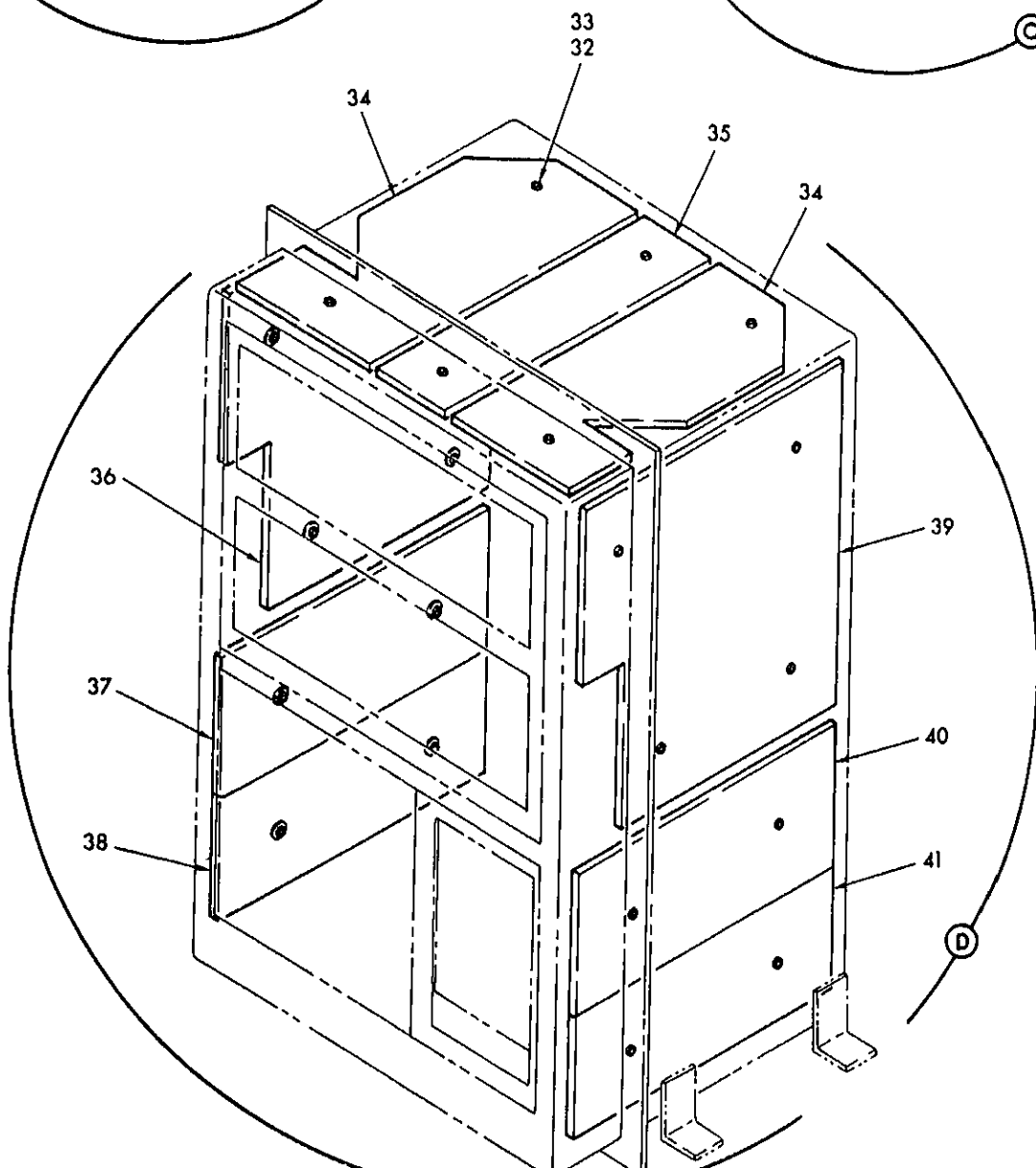
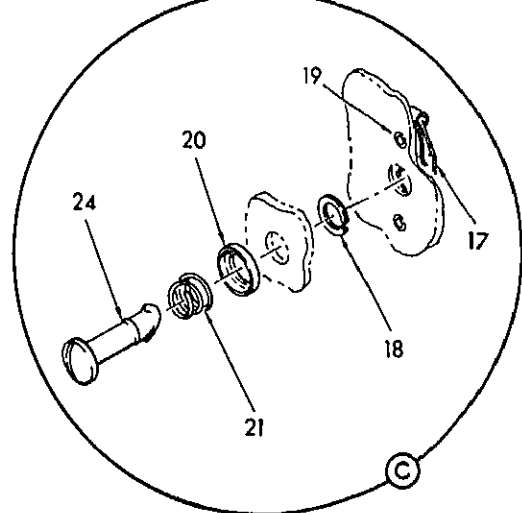
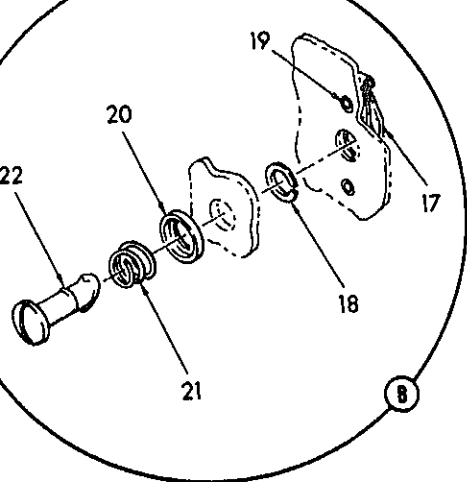
(4) Fourth. Using the Repair Parts Listing, find the figure and item number noted on the illustration.

cross-referenced to the illustration figure number and item number.

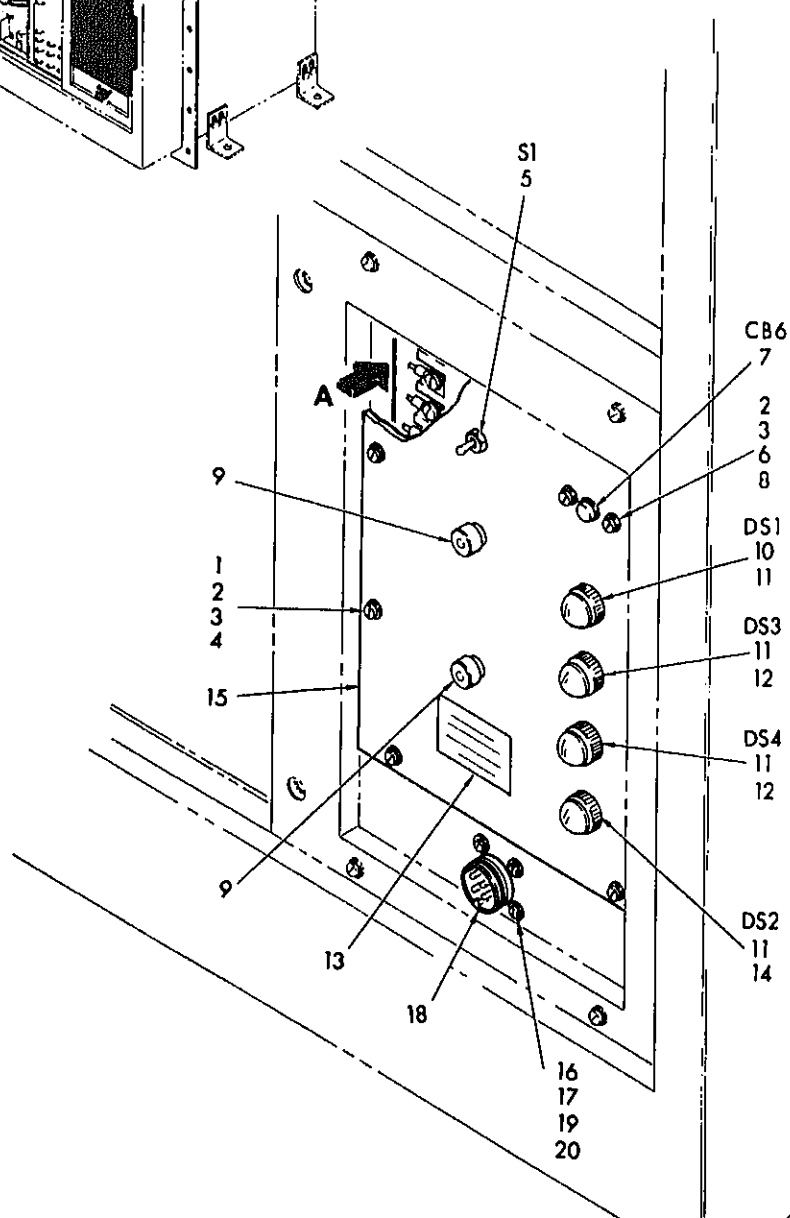
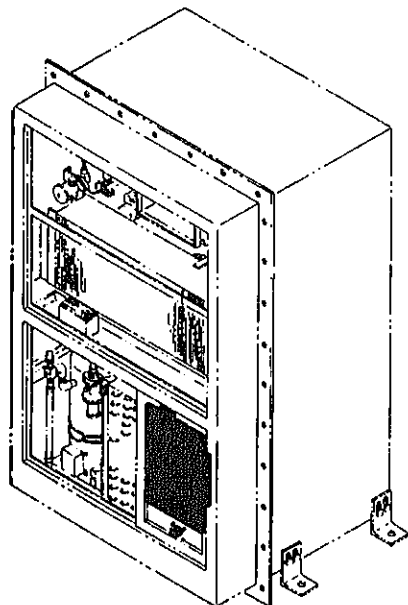
(2) *Second.* After finding the figure and item number, locate the figure and item number in the repair parts list.

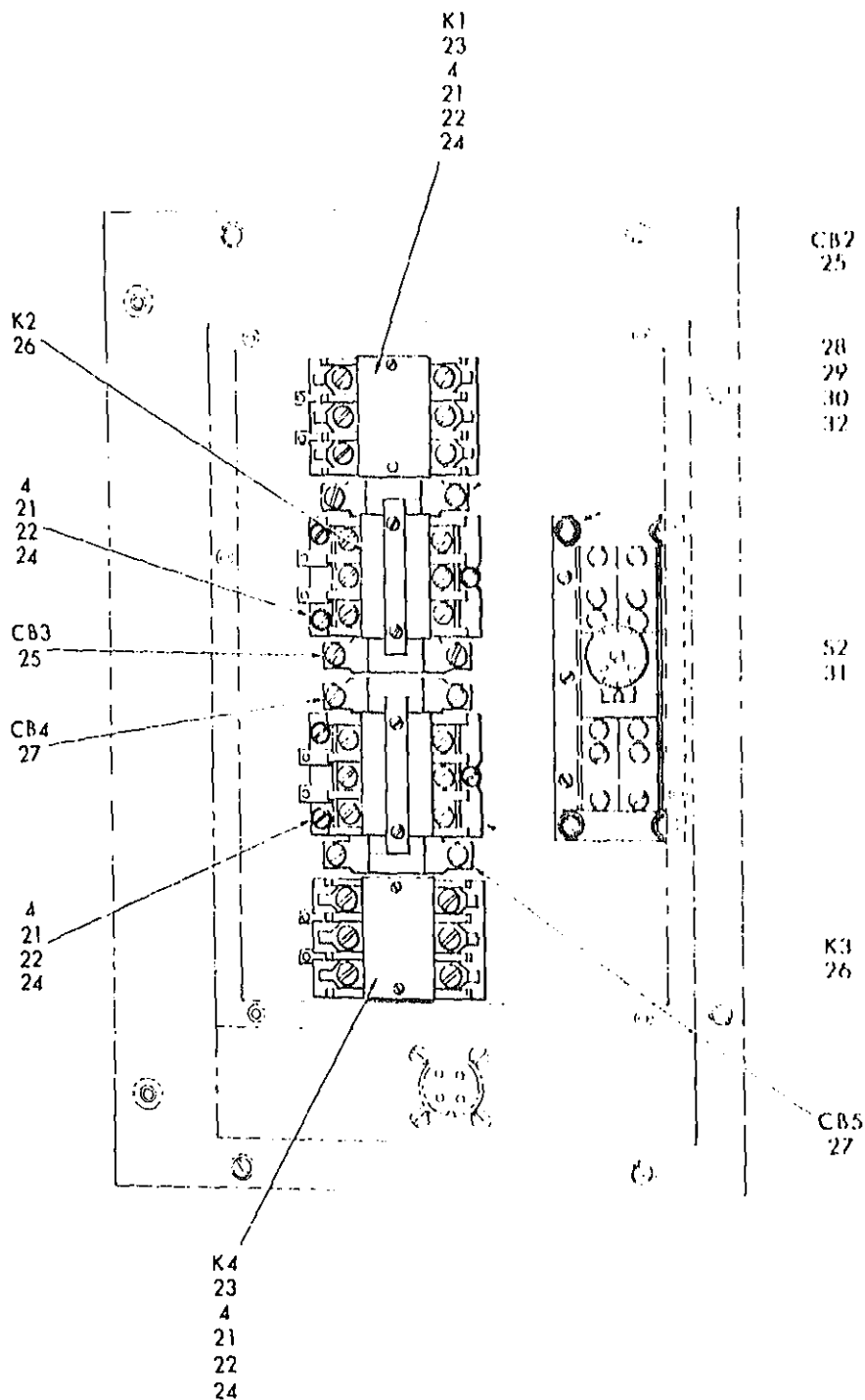
1	2	PAJZZ	5310-00-484-3806	MS21922-9	70700	NUT, SELF-LOCKING
1	3	PAJZZ	5310-00-007-7494	MS27183-13	70700	WASHER, FLAT
1	4	XBJZZ		DANIELS6211	71747	BOLT, EYE
1	5	PAJZZ	5310-00-141-3062	MS27130A26	70700	NUT, PLAIN, BLIND
1	6	PAJZZ	5310-00-550-5054	MS15795-809	70700	WASHER, FLAT
1	7	PAJZZ	5310-00-433-8121	MS35338-134	70700	WASHER, LOCK
1	8	PAJZZ	5305-00-247-1321	MS35234-65	70700	SCREW, MACHINE
1	9	XBJZZ		20V2-2P1	70437	CABINET, ELECTRICAL
1	10	PAJZZ	5305-00-225-9000	MS30325-36	70700	SCREW, MACHINE
1	11	XBJZZ		20V2-2P8	70437	BRACKET, ANGLE
1	12	PAJZZ	5310-01-009-9789	MS27130-20	70700	NUT, PLAIN, BLIND
1	13	PAJZZ	5310-00-045-3248	MS35338-43	70700	WASHER, LOCK
1	14	PAJZZ	5310-00-804-8540	MS27183-8	70700	WASHER, FLAT
1	15	PAJZZ	5305-00-993-1840	MS35207-265	70700	SCREW, MACHINE
1	16	XBJZZ		20V2-10741	70437	GRILLE, METAL
1	17	PAJZZ	5325-00-282-7471	05-35-295-15	74444	RECEPTACLE, TURNLOCK
1	18	PAJZZ	5365-00-838-0422	05-34-101-17	74444	RETAINER, STUD
1	19	PAJZZ	5320-00-582-3522	1601-0410	14730	RIVET, BLIND
1	20	PAJZZ	5310-00-777-6032	05-46-101-34	74444	WASHER, RECESSED
1	21	PAJZZ	5325-00-410-3130	14-18-150-24	74444	SPRING, HELICAL
1	22	PAJZZ	5325-01-021-1127	05-11-980-16	74444	STUD, TURNLOCK
1	23	XBJZZ		20V1-1P1	70437	COVER, ACCESS
1	24	PAJZZ	5325-01-021-1528	05-11-1100-16	74444	STUD, TURNLOCK
1	25	PAJZZ	4130-01-072-0271	20V2-105	70437	FILTER ELEMENT, AIR
1	26	XBJZZ		SS720-20V	70437	PLATE
1	27	XBJZZ		20V1-1P2	70437	COVER, ACCESS
1	28	XBJZZ		20V2-108	70437	PLATE, INSTRUCTION
1	29	XBJZZ		20V2-109	70437	PLATE, INSTRUCTION
1	30	XBJZZ		20V1-1P4	70437	COVER, ACCESS
1	31	XBJZZ		20V1-1P3	70437	COVER, ACCESS
1	32	PAJZZ	5320-00-426-4910	1601-0613	14730	RIVET, BLIND
1	33	XBJZZ		SS196	70437	INSULATOR, WASHER
1	34	XBJZZ		20V5-6-2P5	70437	INSULATION BOARD
1	35	XBJZZ		20V5-6-2P6	70437	INSULATION BOARD
1	36	XBJZZ		20V5-6-2P4	70437	INSULATION BOARD
1	37	XBJZZ		20V5-6-2P1	70437	INSULATION BOARD
1	38	XBJZZ		20V5-6-2P2	70437	INSULATION BOARD
1	39	XBJZZ		20V5-6-2P3	70437	INSULATION BOARD
1	40	XBJZZ		20V5-6-2P7	70437	INSULATION BOARD
1	41	XBJZZ		20V5-6-2P8	70437	INSULATION BOARD



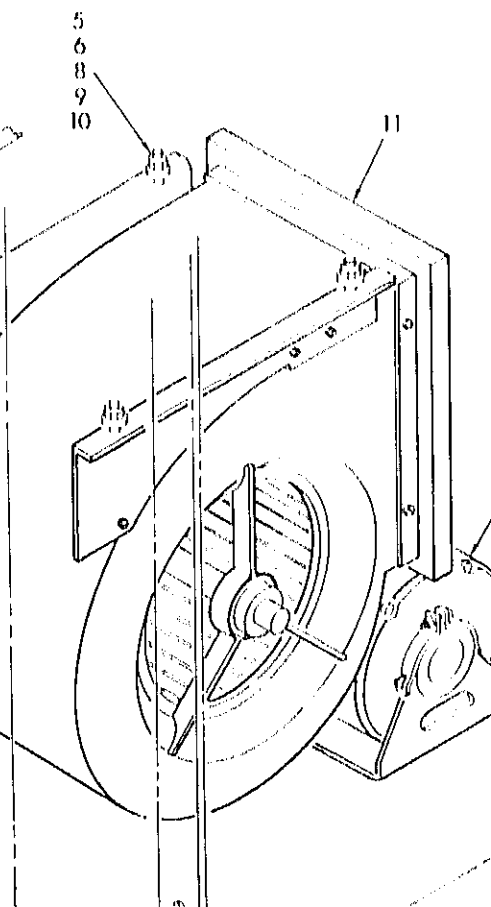
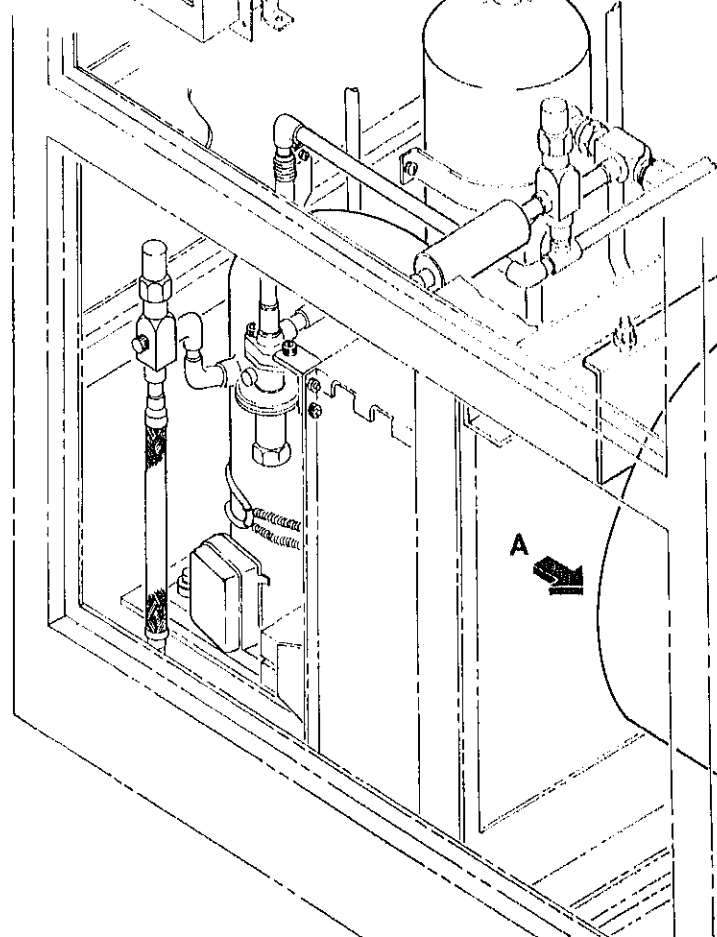
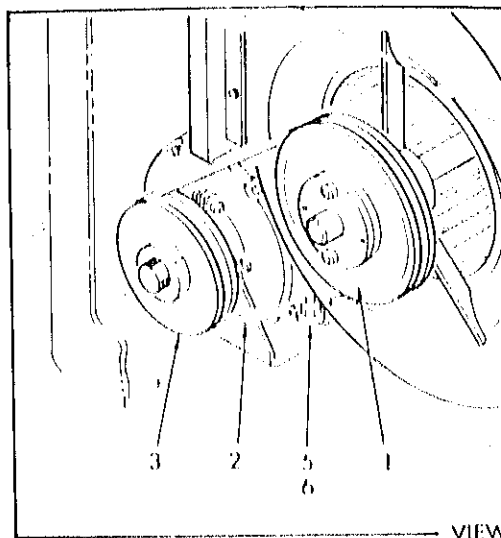
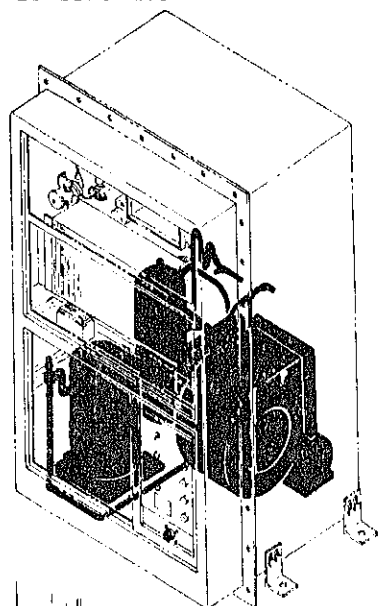


(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6) DESCRIPTION	(7) USABLE ON CODE	(8) U/M
(A) FIG NO	(B) ITEM NO	SUR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM			
						GROUP 02 CONTROL AND INDICATOR SECTION		
2	1	PAQZZ	5305-00-059-3660	MS51958-64	96906	SCREW, MACHINE		EA
2	2	PAQZZ	5310-00-933-8121	MS35338-139	96906	WASHER, LOCK		EA
2	3	PAQZZ	5310-00-550-5054	MS15795-809	96906	WASHER, FLAT		EA
2	4	PAQZZ	5310-01-009-9765	MS27130-20	96906	NUT, PLAIN, BLIND		EA
2	5	PAQZZ	5930-00-615-9367	MS35059-21	96906	SWITCH, TOGGLE ATTACHING HARDWARE SUPPLIED WITH SWITCH		EA
2	6	PAQZZ	5310-00-934-9765	MS35650-304	96906	NUT, PLAIN, HEXAGON		EA
2	7	PAQZZ	5925-00-077-8972	PDM5	73803	CIRCUIT BREAKER		EA
2	8	PAQZZ	5305-00-059-3662	MS51958-66	96906	SCREW, MACHINE		EA
2	9	PBOZZ	6110-00-994-8356	42555-300	04009	BUTTON, RESET ATTACHING HARDWARE SUPPLIED WITH RESET BUTTON		EA
2	10	PAQZZ	6210-00-683-0133	51901-153	72619	LIGHT, INDICATOR ATTACHING HARDWARE SUPPLIED WITH INDICATOR LIGHT		EA
2	11	PAQZZ	6240-00-143-3049	6S6	92966	LAMP, INCANDESCENT		EA
2	12	PAQZZ	6210-00-504-1093	51-0901-0112-201	72619	LIGHT INDICATOR ATTACHING HARDWARE SUPPLIED WITH INDICATOR LIGHT		EA
2	13	XBOZZ		20V2-108	98437	PLATE, INSTRUCTION		EA
2	14	PAQZZ	6210-00-299-5106	51-0901-0111-301	72619	LIGHT, INDICATOR ATTACHING HARDWARE SUPPLIED WITH INDICATOR LIGHT		EA
2	15	XBOZZ		20V4-1-1	98437	PLATE, MOUNTING		EA
2	16	PAQZZ	5310-00-934-9761	MS35649-64	96906	NUT, PLAIN, HEXAGON		EA
2	17	PAQZZ	5310-00-929-6395	MS35338-136	96906	WASHER, LOCK		EA
2	18	PAQZZ	5935-00-725-0889	MS3102E24-22P	96906	CONNECTOR		EA
2	19	PAQZZ	5305-00-068-6534	MS35233-31	96906	SCREW, MACHINE		EA
2	20	PAQZZ	5310-00-880-5976	MS15795-806	96906	WASHER, FLAT		EA
2	21	PAQZZ	5305-00-989-7435	MS35207-264	96906	SCREW, MACHINE		EA
2	22	PAQZZ	5310-00-609-8546	MS27183-8	96906	WASHER, FLAT		EA
2	23	PAQZZ	5345-00-008-4333	ACC330UM20	04009	RELAY, ARMATURE		EA
2	24	PAQZZ	5310-00-045-3296	MS35338-43	96906	WASHER, LOCK		EA
2	25	PAQZZ	5999-00-476-1037	42410	04009	HEATER, THERMAL		EA
2	26	PAQZZ	6110-01-006-6035	ACS3302U20	04009	STARTER, MOTOR		EA
2	27	PAQZZ	5999-00-383-2139	42008	04009	HEATER, THERMAL		EA
2	28	PAQZZ	5305-00-984-6196	MS35206-248	96906	SCREW, MACHINE		EA
2	29	PAQZZ	5310-00-045-3299	MS35338-42	96906	WASHER, LOCK		EA
2	30	PAQZZ	5310-00-809-8544	MS27183-7	96906	WASHER, FLAT		EA
2	31	PAFZZ	5930-00-766-3535	A36AHB3	92578	THERMOSTAT, FLOW		EA
2	32	PAQZZ		MS27130A14	96906	NUT, PLAIN, BLIND		EA





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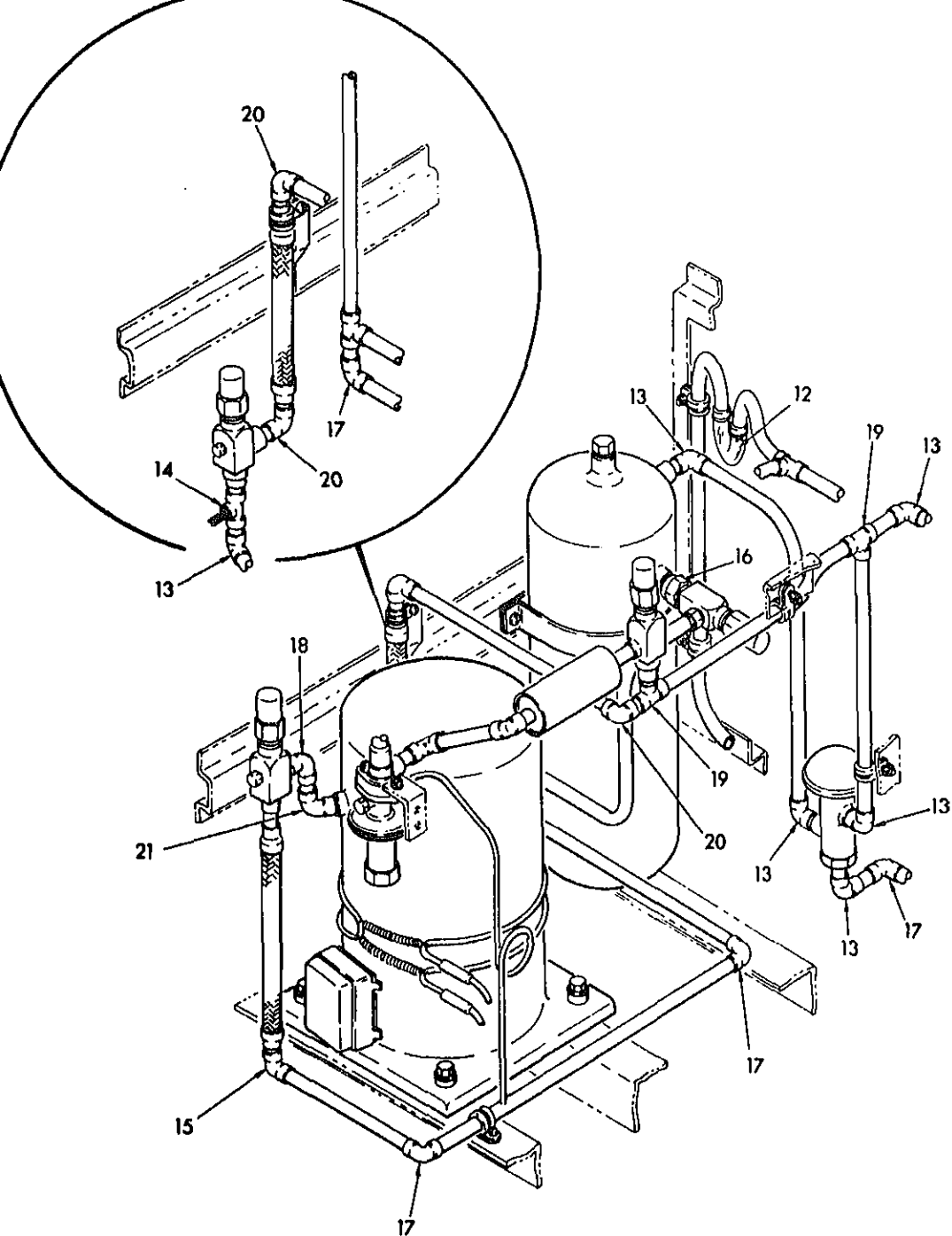


FIG 3. CONDENSER FAN AND MOTOR SECTION (SHEET 2 OF 2)

4	2	PAJ22	5305-00-984-7341	MS35191-273
4	3	PAJ22	5305-00-009-0508	MS21105-7
4	4	PAJ22	5305-00-905-4022	A14021
4	5	PAJ22	5310-01-009-9785	MS27133-20
4	6	PAJ22	5305-00-993-1848	MS35207-265
4	7	PAJ22	5310-00-809-8546	MS27183-8
4	8	PAJ22	5310-03-045-3246	MS35338-43
4	9	PAJ22	5305-00-068-0501	MS90725-5
4	10	PAJ22	5310-00-582-5565	MS35338-44
4	11	PAJ22	5310-00-809-4058	MS27183-10
4	12	ABF22		20V2-277
4	13	PAJ22	5310-00-959-1488	MS91922-21
4	14	PAJ22	5310-00-809-4061	MS27183-15
4	15	ABF22		L618
4	16	PAJ22	4820-01-065-2030	HP9548
4	17	PAJ22	5305-00-989-7435	MS35207-264
4	18	ABF22	4820-00-869-3261	AC3-10
4	19	ABF22		20V583
4	20	PAJ22	5310-00-141-3062	MS27130A26
4	21	ABF22		MS0224
4	22	PAJ22	5305-00-497-5880	AN742-120
4	23	PAF22	4720-00-059-3701	V4F4
4	24	PAF22	4820-00-550-8654	CP9H35H
4	25	ABF22		20V524
4	26	PAF22	4720-00-039-7279	B2-4-30
4	27	PAF22	4520-00-537-5565	Q18-0013-00
4	28	PAJ22	5306-00-225-8505	MS90725-41
4	29	PAJ22	5310-03-167-0767	AK973-5
4	30	PAJ22	5310-00-067-7493	MS27183-13
4	31	PAF22	4130-01-068-5302	1423-1M1
4	32	PAJ22	5310-00-984-3606	MS91922-9
4	33	PAF22	5530-00-064-3207	AP20-4016
4	34	PAF22	5930-00-063-7779	AP21-4013
4	35	PAF22	4130-01-072-8321	20V3-2

40906	SCREW, MACHINE.....
41947	PLUG, FUSIBLE.....
46906	NUT, PLAIN, BLIND.....
90906	SCREEN, MACHINE.....
70706	WASHER, FLAT.....
70706	WASHER, LOCK.....
70706	SCREW, MACHINE.....
70706	WASHER, LOCK.....
70706	WASHER, FLAT.....
70737	BRACKET, RECEIVER.....
70706	NUT, PLAIN.....
70706	WASHER, FLAT.....
07031	RECEIVER, LIQUID.....
70706	VALVE, REGULATING.....
70706	SCREW, MACHINE.....
70737	VALVE, CROSS.....
70737	BRACKET, DOUBLE.....
70706	NUT, PLAIN, BLIND.....
70706	STRAINER, SEDIMENT.....
08044	CLAMP, LODP.....
77044	HOSE ASSEMBLY, METAL.....
70737	VALVE, REGULATING.....
70737	BRACKET, ANGLE.....
70737	HOSE ASSEMBLY, METAL.....
14034	HEATER, CRANKCASE.....
70706	SCREW, MACHINE.....
00044	WASHER, LOCK.....
70706	WASHER, FLAT.....
70737	COMPRESSOR.....
70706	NUT, SELF-LOCKING.....
00044	SWITCH, PRESSURE.....
00044	SWITCH, PRESSURE.....
70737	COIL, CONDENSER.....

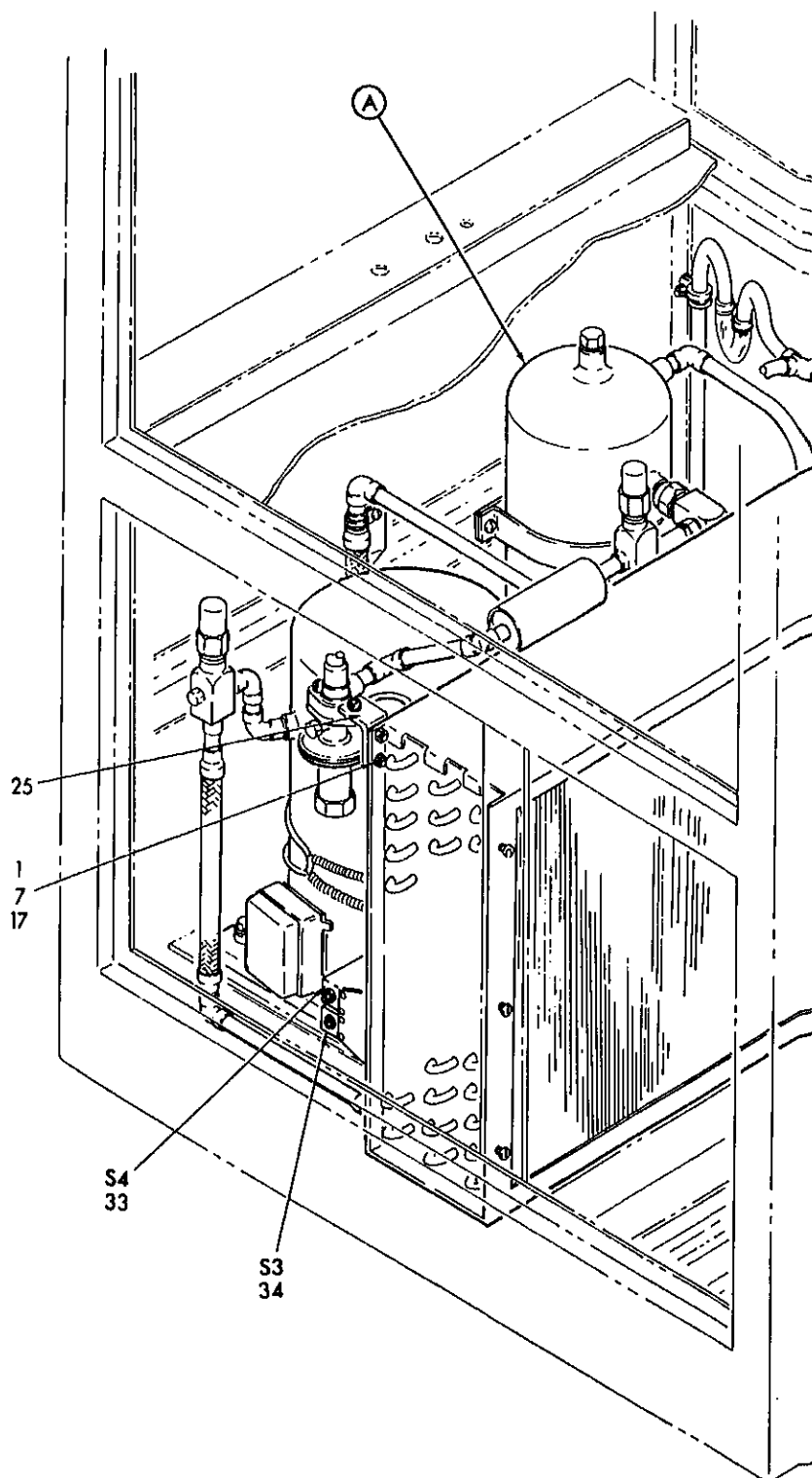
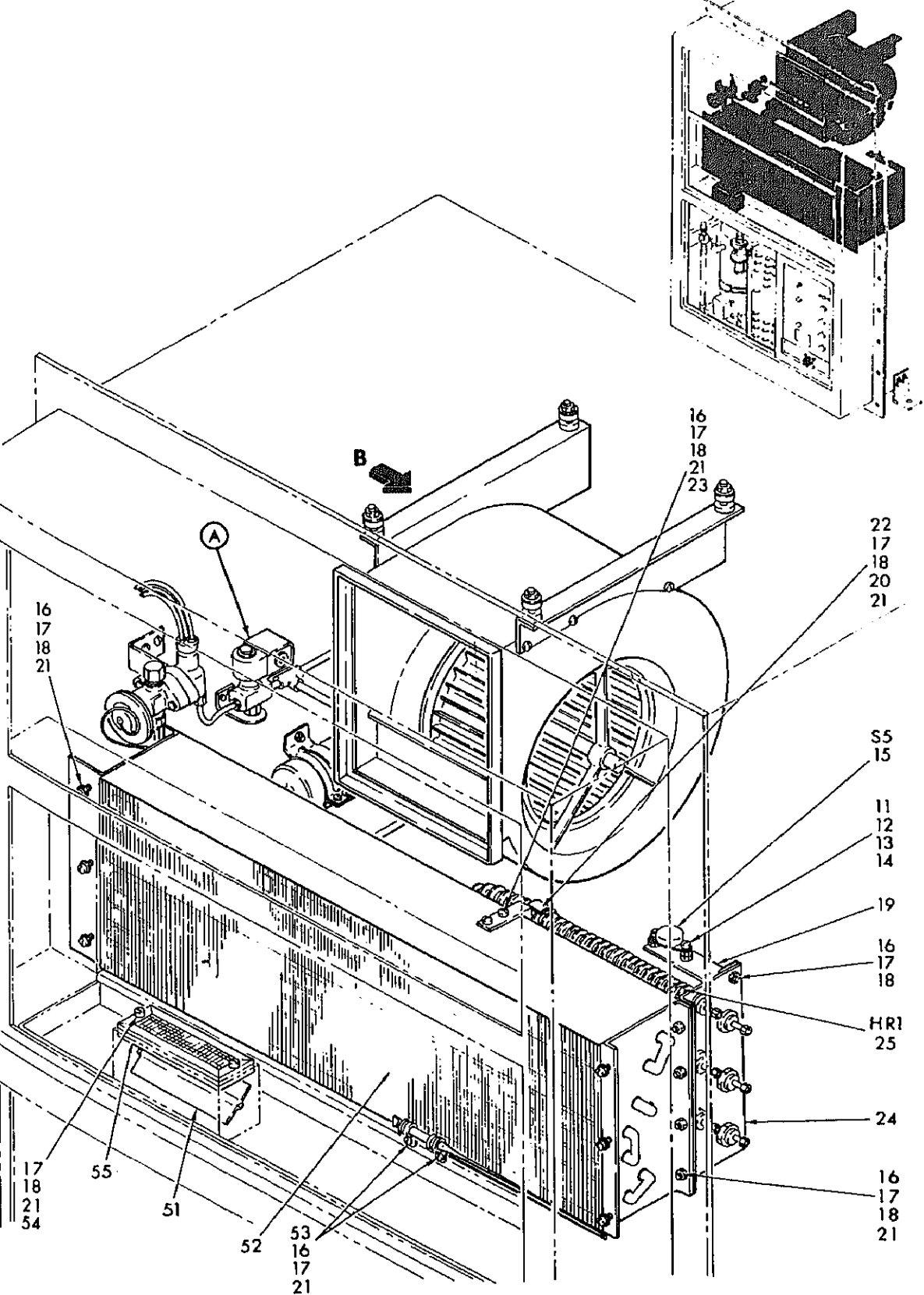
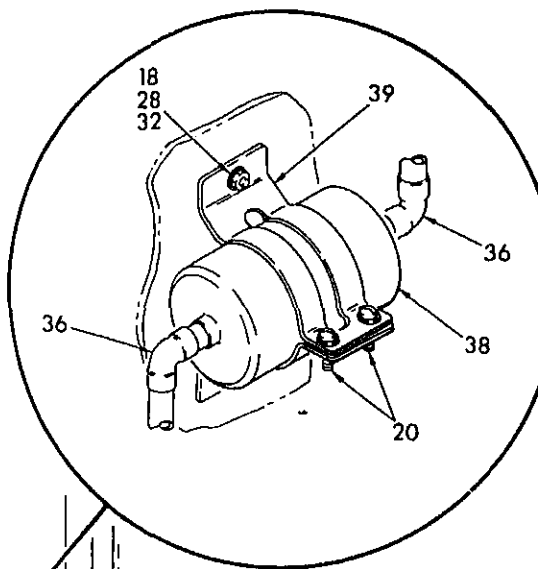
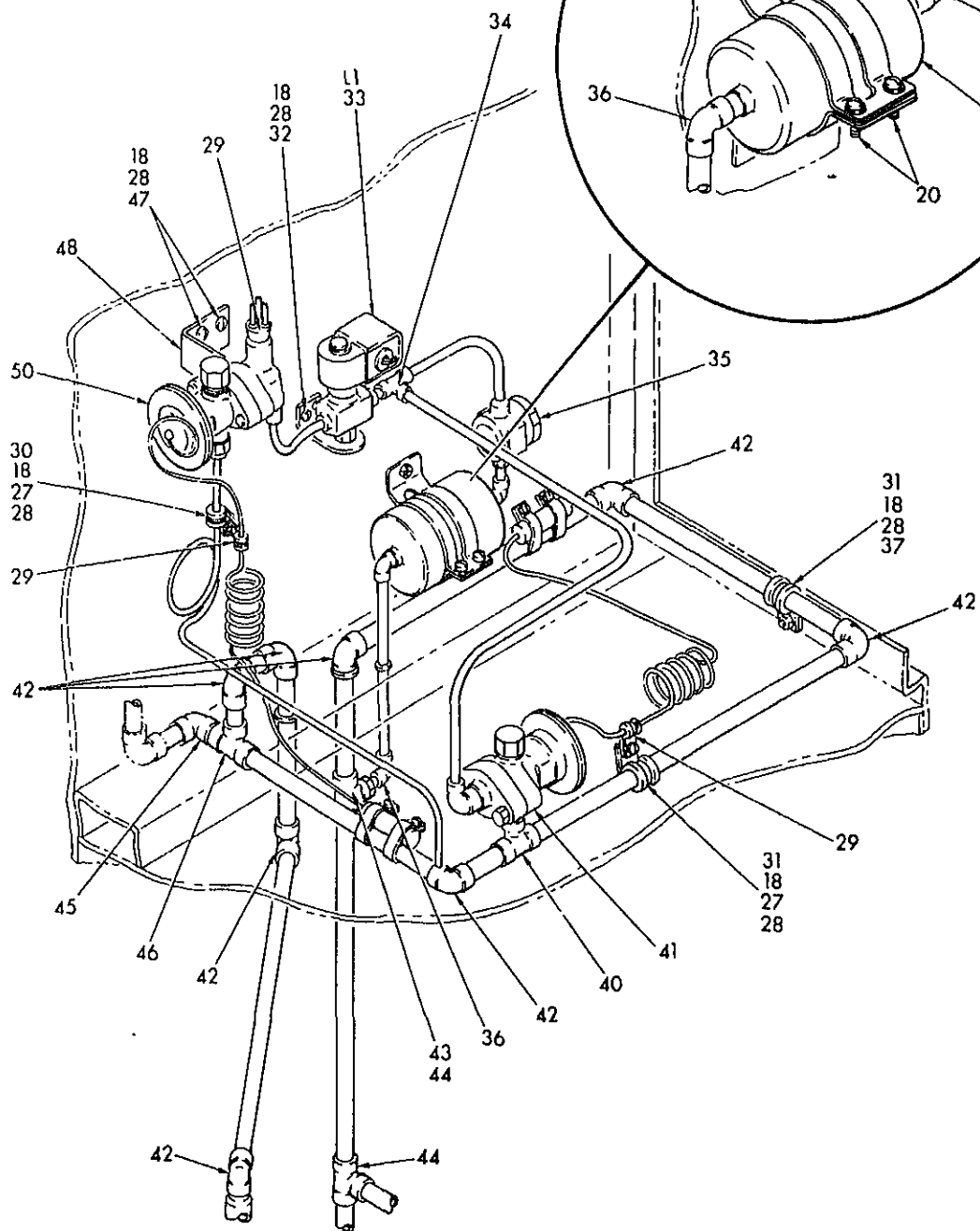
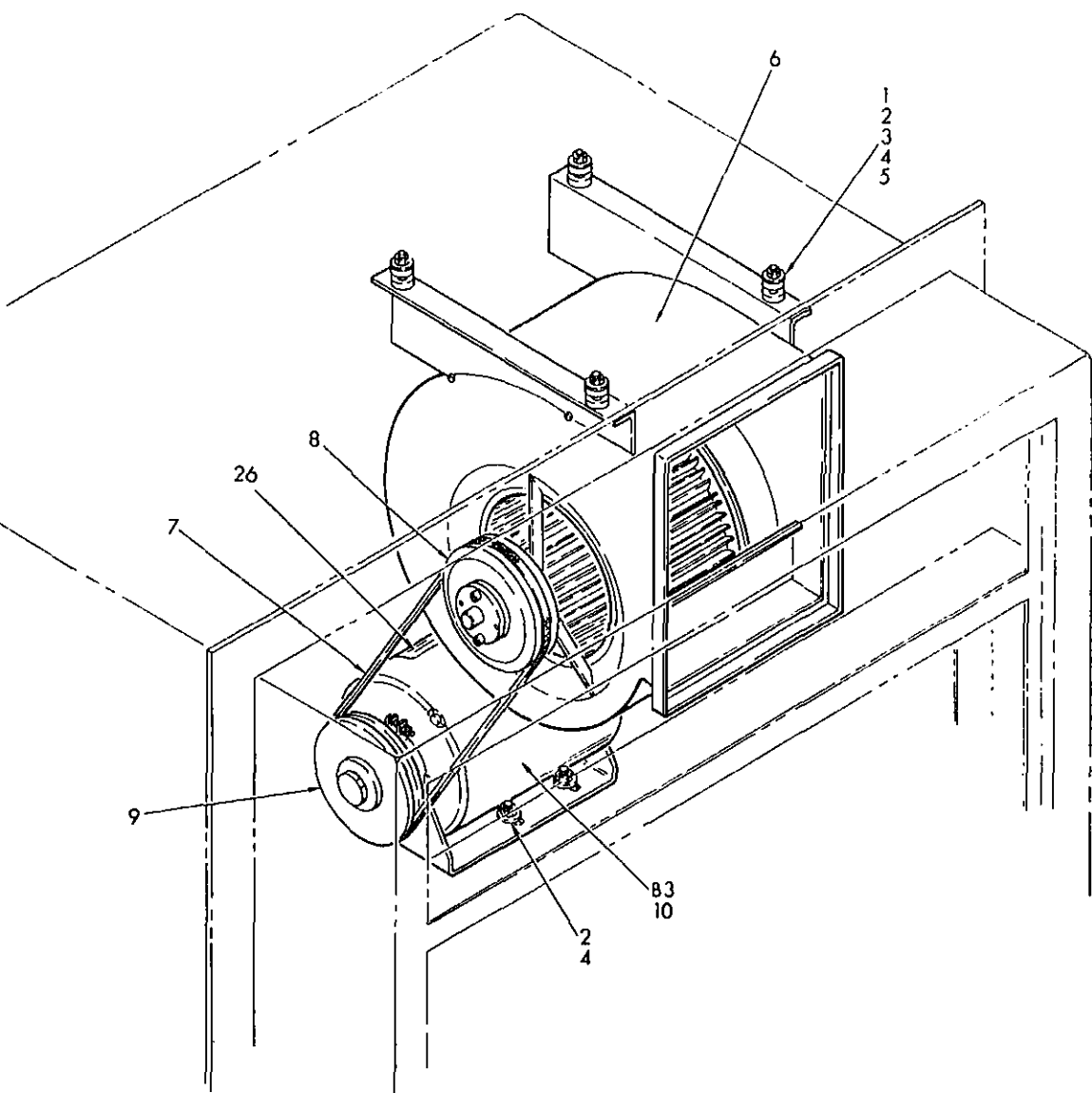


FIG 4. COMPRESSOR SECTION (SHEET 1)

ILLUSTRATION		NATIONAL STOCK NUMBER		PART NUMBER		DESCRIPTION	
(A) FIG NO	(B) ITEM NO	SWR CODE			FSCM	USABLE ON CODE	
5	40	XBFZL	4730-00-263-6471	W4007	41947	TEE, TUBE.....	
5	41	PAFZL		LC12A	70255	VALVE, EXPANSION.....	
5	42	XBFZL	4730-00-254-6450	W2C22	41947	ELBOW, TUBE.....	
5	43	PAFZL	4730-00-809-9669	W1717	41947	BUSHING, SLEEVE.....	
5	44	XBFZL	4730-00-989-1503	W4043	41947	TEE, TUBE.....	
5	45	XBFZL	4730-00-839-6380	W2326	41947	ELBOW, TUBE.....	
5	46	XBFZL	4730-00-263-6472	W4006	41947	TEE, TUBE.....	
5	47	PAQZL	5305-00-989-6265	MS35207-262	909J06	SCREW, MACHINE.....	
5	48	XBFZL		20V2-110	90437	BRACKET.....	
5	49	XBFZL		1620-3-3-16-2	70255	DISTRIBUTOR.....	
5	50	PAFZL		TCLE2004W100	70255	VALVE, EXPANSION.....	
5	51	XBFZL		20V2-2P9	90437	DAMPENER, FLUID.....	
5	52	PAFZL		20V3-7	90437	COIL, EVAPORATOR.....	
5	53	PAQZL	5340-00-009-3506	MS21105-7	909J06	CLAMP, LOOP.....	
5	54	PAQZL	5305-00-995-3441	MS35207-269	909J06	SCREW, MACHINE.....	
5	55	PAQZL	4130-01-072-8272	20V2-106	90437	FILTER ELEMENT, AIR.....	
GROUP 06 BULK MATERIALS LIST							
		PAFZL	5999-00-937-5624	26106	077J0	SHIELDING GASKET.....	
		PAFZL	6145-00-578-7514	MS086-2-12-9	01349	WIRE, ELECTRICAL.....	
		PAFZL	6145-00-578-6632	MS086-2-18-9	01349	WIRE, ELECTRICAL.....	
		PAFZL	7510-00-031-7498	NDT30	02014	TAPE, PRESSURE.....	
		PAFZL	4710-00-203-3173	WM1775-1-20WAKU3 2WALL	01348	TUBE, COPPER.....	
		PAFZL	4710-00-203-3171	WM1775-1-40WAKU3 0WALL	01348	TUBE, COPPER.....	
		PAFZL	4710-00-203-3172	WM1775-3-80WAKU3 2WALL	01348	TUBE, COPPER.....	
		PAFZL	4710-00-203-3174	WM1775-5-80WAKU3 5WALL	01348	TUBE, COPPER.....	
		PAFZL		WM1799TYPE LF GRMA CL2-7-8	01348	TUBE, COPPER.....	







VIEW B

FIG 5. EVAPORATOR SECTION (SHEET 3 OF 3)

5340-00-009-0506	4	3	6210-00-683-0133	2
5340-00-009-0506	5	53	5935-00-725-0889	2
4720-00-009-7279	4	26	5310-00-777-6032	1
4730-00-027-0773	3	21	5310-00-782-1349	5
7510-00-031-7498			5930-00-786-3535	2
5310-00-045-3296	1	13	5310-00-809-4058	4
5310-00-045-3296	2	24	5310-00-809-4061	3
5310-00-045-3296	4	8	5310-00-809-4061	4
5310-00-045-3296	5	21	5310-00-809-4061	5
5310-00-045-3299	2	29	5310-00-809-8544	2
5310-00-045-4007	5	13	5310-00-809-8546	1
5305-00-059-3660	2	1	5310-00-809-8546	2
5305-00-059-3662	2	8	5310-00-809-8546	4
4720-00-059-3701	4	23	5310-00-809-8546	5
5930-00-063-7779	4	34	4730-00-809-9669	5
5930-00-064-3207	4	33	4730-00-821-3037	3
5305-00-068-0501	4	9	4730-00-821-9184	3
5305-00-068-6534	2	19	4730-00-822-1277	3
5340-00-070-2064	3	9	5365-00-838-0422	1
5340-00-070-2064	5	5	4730-00-839-6380	3
5925-00-077-8972	2	7	4730-00-839-6380	5
5310-00-087-7493	1	3	5930-00-842-3378	5
5310-00-087-7493	3	6	4820-00-869-3261	4
5310-00-087-7493	4	30	4130-00-871-5633	5
5310-00-087-7493	5	4	5310-00-877-5797	4
5340-00-104-7581	5	30	5310-00-877-5797	6
5310-00-141-3062	1	5	5310-00-880-5976	2
5310-00-141-3062	4	20	4810-00-881-3005	5
6240-00-143-3049	2	11	5340-00-905-4002	4
5310-00-167-0767	4	29	5310-00-929-6395	2
4710-00-203-3171			5310-00-933-8121	1
4710-00-203-3172			5310-00-933-8121	2
4710-00-203-3173			5310-00-934-9755	5
4710-00-203-3174			5310-00-934-9761	2
5306-00-225-8501	3	10	5310-00-934-9765	2
5306-00-225-8501	5	1	5999-00-937-5824	
5306-00-225-8505	4	28	5310-00-959-1488	4
5305-00-225-9081	1	10	5310-00-984-3806	1
5305-00-247-1325	1	8	5310-00-984-3806	3
4730-00-251-1377	3	18	5310-00-984-3806	4
4730-00-254-6450	3	17	5310-00-984-3806	5
4730-00-254-6450	5	42	5305-00-984-6198	2
4730-00-263-6460	5	34	5305-00-984-7341	4
4730-00-263-6471	5	40	5305-00-984-7341	5
4730-00-263-6472	5	46	4730-00-989-1903	5
4730-00-277-7922	5	36	5305-00-989-6265	5
5325-00-282-7471	1	17	5305-00-989-7435	2
6210-00-299-5106	2	14	5305-00-989-7435	4
4730-00-345-1106	3	19	5305-00-989-7435	5
6105-00-377-8115	3	7	5305-00-993-1848	1
5999-00-383-2139	2	27	5305-00-993-1848	4
5325-00-410-3130	1	21	5305-00-993-1848	6
5320-00-426-4916	1	32	5305-00-993-1851	5
5999-00-476-1037	2	25	6110-00-994-8356	2
5340-00-497-9880	4	22	5305-00-995-3441	5
5340-00-497-9880	5	31	6110-01-006-6035	2
6210-00-504-1093	2	12	5310-01-009-9785	1
4520-00-537-5965	4	27	5310-01-009-9785	2
5305-00-543-4346	5	11	5310-01-009-9785	4
5310-00-550-5054	1	6	5310-01-009-9785	5
5310-00-550-5054	2	3	5325-01-021-1121	1
5340-00-559-6128	5	29	5325-01-021-1928	1
6145-00-578-6602			4820-01-065-2000	4
6145-00-578-7514			4540-01-065-6359	5
3030-00-580-9527		7	4130-01-068-5302	4
5320-00-582-3522	1	19	4130-01-072-8271	1
5310-00-582-5965	4	10	4130-01-072-8272	6
4820-00-590-8654	4	24	4130-01-072-8321	4

PART NUMBER	FSCM	FIG. NO.	ITEM NO.	PART NUMBER	FSCM	FIG. NO.
ACC330UM20	04009	2	23	AN742-12C	88044	
AC63302U20	04009	2	26	AN742-12C	88044	
ADK163S	70255	5	38	AN742-4C	88044	
AK64H-3/4	71176	3	1	AN970-5	88044	
AK64H	71176	5	8	AP20-4016	80625	
AMI1SS3	70255	5	35	AP21-4013	80625	

PART NUMBER	FIG NO	ITEM NO	PART NUMBER
AP36	71176	3	MS51958-66
AP42	71176	5	MS90725-36
AR151	35197	3	MS90725-37
AR151	35197	5	MS90725-37
A14021	41947	4	MS90725-41
A36AHB3	92578	2	MS90725-5
B2-4-3C	98437	4	MW2-10-3
CPRM35H	70255	4	MS086-2-12-9
DANIEL S621L	71747	1	MS086-2-18-9
F3U	22336	3	NC3-10
GY5-3	98437	5	NOT30
HP8548	70255	4	MS0224
LCL2A	70255	5	PDMS
L618	87531	4	RM3108
MS15795-804	96906	5	RM3154
MS15795-806	96906	2	SS107
MS15795-809	96906	1	SS196
MS15795-809	96906	2	SS720-20V
MS21044N3	96906	4	TCL200HW100
MS21044N3	96906	5	VAF4
MS21104C4	96906	5	WMT775-1-200XR032WALL
MS21105-7	96906	4	WMT775-1-400XR030WALL
MS21105-7	96906	5	WMT775-3-800XR032WALL
MS27130-20	96906	1	WMT775-5-800XR035WALL
MS27130-20	96906	2	WMT799TYPELFORMACL2-7-8
MS27130-20	96906	4	W1715
MS27130-20	96906	5	W1717
MS27130A14	96906	2	W1726
MS27130A26	96906	1	W2022
MS27130A26	96906	4	W2022
MS27183-10	96906	4	W2312
MS27183-13	96906	1	W2321
MS27183-13	96906	3	W2326
MS27183-13	96906	4	W2326
MS27183-13	96906	5	W2334
MS27183-15	96906	3	W2817
MS27183-15	96906	4	W4000
MS27183-15	96906	5	W4001
MS27183-7	96906	2	W4006
MS27183-8	96906	1	W4007
MS27183-8	96906	2	W40350
MS27183-8	96906	4	W4043
MS27183-8	96906	5	018-0018-00
MS3102E24-22P	96906	2	1VP44-5-8
MS35059-21	96906	2	1VP44-5-8
MS35191-273	96906	4	14-18-150-24
MS35191-273	96906	5	1423-1M1
MS35206-248	96906	2	1601-0410
MS35207-262	96906	5	1601-0613
MS35207-264	96906	2	1620-3-3-16-2
MS35207-264	96906	4	20V1-1P1
MS35207-264	96906	5	20V1-1P2
MS35207-265	96906	1	20V1-1P3
MS35207-265	96906	4	20V1-1P4
MS35207-265	96906	5	20V2-1
MS35207-267	96906	5	20V2-101M1
MS35207-269	96906	5	20V2-105
MS35224-63	96906	5	20V2-106
MS35233-31	96906	2	20V2-107M1
MS35234-30	96906	5	20V2-108
MS35234-65	96906	1	20V2-108
MS35338-136	96906	2	20V2-108
MS35338-139	96906	1	20V2-108
MS35338-139	96906	2	20V2-109
MS35338-41	96906	5	20V2-110
MS35338-42	96906	2	20V2-2P1
MS35338-43	96906	1	20V2-2P5
MS35338-43	96906	2	20V2-2P6
MS35338-43	96906	4	20V2-2P7
MS35338-43	96906	5	20V2-2P8
MS35338-44	96906	4	20V2-2P9
MS35649-64	96906	2	20V3-2
MS35650-304	96906	2	20V3-7
MS35650-362	96906	5	20V4-1-1
MS51922-21	96906	4	20V5-6-2P1
MS51922-9	96906	1	20V5-6-2P2
MS51922-9	96906	3	20V5-6-2P3
MS51922-9	96906	4	20V5-6-2P4
MS51922-9	96906	5	20V5-6-2P5
MS51958-64	96906	2	20V5-6-2P6

	98437	4	25	31901-155	72819	2	10
11	98437	5	19	6F2-3M1	98437	5	8
3	98437	4	19	6S6	65083	2	11
S3T	70255	5	33	85-11-1100-16	94222	1	24
F248W	74924	5	25	85-11-980-16	94222	1	22
	07700			85-34-101-17	94222	1	18
	04009	2	27	85-35-295-15	94222	1	17
	04009	2	25	85-46-101-39	94222	1	20
-300	04009	2	9				

BERNARD W. ROGERS
General, United States Army
Chief of Staff

Official:

J. C. PENNINGTON
Major General, United States Army
The Adjutant General

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LEW ALLEN, JR., *General USAF*
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Director of Administration

DISTRIBUTION:

To be distributed in accordance with DA Form 12-25C Organizational Maintenance Requirements for Environmental Equipment, Air Conditioners, 24,500 BTU.



THEN... JOT DOWN THE
DOPE ABOUT IT ON THIS
FORM, TEAR IT OUT, FOLD
IT AND DROP IT IN THE
MAIL!

FROM: (YOUR UNIT'S COMPLETE ADDRESS)

PFC JOHN DOE

COA, 3^d ENGINEER BN

FT. LEONARD WOOD MO 63108

DATE

PUBLICATION NUMBER

TM 5-4120-343-24P

DATE

13 Jun 79

TITLE

AIR CONDITIONER, 25,000 BTU

NSN 4120-01-030-6883

E EXACT... PIN-POINT WHERE IT IS

IN THIS SPACE TELL WHAT IS WRONG
AND WHAT SHOULD BE DONE ABOUT IT:

PAGE
NO.

PARA-
GRAPH

FIGURE
NO.

TABLE
NO.

6

2-1
a

In line 6 of paragraph 2-1a the manual states the engine has 6 cylinders. The engine on my set only has 4 cylinders. Change the manual to show 4 cylinders.

81

4-3

Callout 16 on figure 4-3 is pointing at a bolt. In the key to fig. 4-3, item 16 is called a skim. Please correct one or the other.

25 line 20

~~SAMPLE~~

Ordered a gasket, item 19 on figure B-16 by NSN 2910-00-762-3001. I got a gasket but it doesn't fit. Supply says I got what I ordered, so the NSN is wrong. Please give me a good NSN.

PRINTED NAME, GRADE OR TITLE, AND TELEPHONE NUMBER

JOHN DOE, PFC (268) 317-7111

SIGN HERE:

John Doe

FILL IN YOUR
UNIT'S ADDRESS

FOLD BACK

DEPARTMENT OF THE ARMY

POSTAGE AND FEES

DEPARTMENT OF THE ARMY

DDO-314

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US Army Troop Support and Aviation
Materiel Readiness Command
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St. Louis, MO 63120

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PUBLICATION NUMBER

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DATE

13 Jun 79

TITLE

AIR CONDITIONER,
NSN 4120-01-030

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IN THIS SPACE TELL WHAT IS WRONG
AND WHAT SHOULD BE DONE ABOUT IT:

PAGE
NO.

PARA-
GRAPH

FIGURE
NO.

TABLE
NO.

TYPED NAME, GRADE OR TITLE, AND TELEPHONE NUMBER

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DATE

PUBLICATION NUMBER

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DATE

13 Jun 79

TITLE

AIR CONDITIONER, 25,000
NSN 4120-01-030-6888

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AND WHAT SHOULD BE DONE ABOUT IT:

PAGE
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PARA-
GRAPH

FIGURE
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TABLE
NO.

TEAR ALONG DOTTED LINE

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MAIL!

FROM: (YOUR UNIT'S COMPLETE ADDRESS)

DATE

PUBLICATION NUMBER

TM 5-4120-343-24P

DATE

13 Jun 79

TITLE

AIR CONDITIONER, 2
NSN 4120-01-030-

BE EXACT...PIN-POINT WHERE IT IS

IN THIS SPACE TELL WHAT IS WRONG
AND WHAT SHOULD BE DONE ABOUT IT:

PAGE
NO.

PARA-
GRAPH

FIGURE
NO.

TABLE
NO.

TEAR ALONG DOTTED LINE

TYPED NAME, GRADE OR TITLE, AND TELEPHONE NUMBER

SIGN HERE:

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UNIT'S ADDRESS

FOLD BACK

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DEPARTMENT

000-3

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US Army Troop Support and Aviation
Materiel Readiness Command
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St. Louis, MO 63120

FOLD BACK

1 hectometer = 10 dekameters = 328.08 feet
 1 kilometer = 10 hectometers = 3,280.8 feet

Weights

1 centigram = 10 milligrams = .15 grain
 1 decigram = 10 centigrams = 1.54 grains
 1 gram = 10 decigrams = .035 ounce
 1 dekagram = 10 grams = .35 ounce
 1 hectogram = 10 dekagrams = 3.52 ounces
 1 kilogram = 10 hectograms = 2.2 pounds
 1 quintal = 100 kilograms = 220.46 pounds
 1 metric ton = 10 quintals = 1.1 short tons

Square Measure

1 sq. centimeter = 100 sq. millimeters = .155
 1 sq. decimeter = 100 sq. centimeters = 15.5
 1 sq. meter (centare) = 100 sq. decimeters = 1
 1 sq. dekameter (are) = 100 sq. meters = 1,076
 1 sq. hectometer (hectare) = 100 sq. dekameters = 2.47
 1 sq. kilometer = 100 sq. hectometers = .386

Cubic Measure

1 cu. centimeter = 1000 cu. millimeters = .06
 1 cu. decimeter = 1000 cu. centimeters = 61.0
 1 cu. meter = 1000 cu. decimeters = 35.31 cu. ft

Approximate Conversion Factors

To change	To	Multiply by	To change	To
inches	centimeters	2.540	ounce-inches	newton-meters
feet	meters	.305	centimeters	inches
yards	meters	.914	meters	feet
miles	kilometers	1.609	meters	yards
square inches	square centimeters	6.451	kilometers	miles
square feet	square meters	.093	square centimeters	square inches
square yards	square meters	.836	square meters	square feet
square miles	square kilometers	2.590	square meters	square yards
acres	square hectometers	.405	square kilometers	square miles
cubic feet	cubic meters	.028	square hectometers	acres
cubic yards	cubic meters	.765	cubic meters	cubic feet
fluid ounces	milliliters	29.573	cubic meters	cubic yards
pints	liters	.473	milliliters	fluid ounces
quarts	liters	.946	liters	pints
gallons	liters	3.785	liters	quarts
ounces	grams	28.349	liters	gallons
pounds	kilograms	.454	grams	ounces
short tons	metric tons	.907	kilograms	pounds
pound-feet	newton-meters	1.365	metric tons	short tons
pound-inches	newton-meters	.11375		

Temperature (Exact)

°F	Fahrenheit temperature	5/9 (after subtracting 32)	Celsius temperature	°C
----	------------------------	----------------------------	---------------------	----